

【Table 18】

No.	machinability			corrosion resistance maximum depth of corrosion (μ m)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm ²)	elongation (%)	
1001	◎	○	117	160	○	533	35	○
1002	◎	○	114	170	○	520	32	○
1003	◎	○	119	140	△	575	36	○
1004	◎	○	118	220	△	490	30	△
1005	◎	○	114	170	○	546	34	○
1006	◎	△	127	170	△	515	44	○

【Table 19】

No.	machinability			corrosion resistance maximum depth of corrosion (μ m)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm ²)	elongation (%)	
2001	◎	○	116	180	○	510	33	○
2002	◎	○	115	230	△	475	28	△
2003	◎	○	115	160	△	540	32	○
2004	◎	○	117	150	△	576	35	○
2005	◎	○	116	140	△	543	37	○
2006	◎	○	114	180	△	502	32	○

【Table 20】

No.	machinability			corrosion resistance maximum depth of corrosion (μ m)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm ²)	elongation (%)	
3003	◎	○	119	110	△	565	34	○
3004	◎	○	118	140	○	532	35	○
3006	◎	○	115	30	○	538	34	○
3007	◎	○	117	<5	△	562	36	○
3009	◎	○	118	<5	△	518	30	○

【Table 21】

No.	machinability			corrosion resistance maximum depth of corrosion (μm)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm^2)	elongation (%)	
4002	◎	○	116	120	○	547	33	○
4004	○	○	113	30	△	550	31	○
4006	◎	○	118	<5	△	542	30	○
4009	◎	○	117	110	△	572	36	○
4010	◎	○	115	10	○	524	33	○
4012	◎	○	114	20	○	575	34	○
4016	◎	○	116	130	△	539	32	○
4018	◎	○	115	<5	○	506	30	○
4020	◎	○	115	20	△	548	32	○

【Table 22】

No.	machinability			corrosion resistance maximum depth of corrosion (μm)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm^2)	elongation (%)	
5003	◎	○	117	<5	○	510	33	○
5004	◎	○	117	<5	△	547	42	○
5005	◎	○	115	<5	○	533	34	○
5006	◎	○	116	<5	○	470	30	△
5013	◎	○	116	<5	○	504	33	○
5014	○	○	114	<5	○	536	35	○
5015	◎	○	117	<5	○	488	31	○
5016	◎	○	116	<5	○	510	37	○

【Table 23】

No.	machinability			corrosion resistance maximum depth of corrosion (μm)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm^2)	elongation (%)	
6009	◎	○	115	<5	△	546	40	○
6010	◎	○	116	<5	○	507	30	○
6011	○	○	113	<5	△	520	30	○
6012	◎	○	115	<5	△	488	29	△
6013	○	○	114	<5	○	531	32	○
6014	◎	○	114	<5	△	564	31	○
6015	◎	○	115	20	○	525	34	○

【Table 24】

No.	machinability			corrosion resistance maximum depth of corrosion (μm)	hot workability 700°C deformability	mechanical properties		stress resistance corrosion cracking resistance
	form of chippings	condition of cut surface	cutting force (N)			tensile strength (N/mm^2)	elongation (%)	
6024	◎	○	116	<5	○	515	33	○
6025	◎	○	117	<5	△	575	35	○
6026	◎	○	114	<5	○	524	32	○
6027	◎	○	119	<5	○	503	34	○
6028	◎	○	117	<5	○	510	33	○
6029	○	○	114	<5	△	522	30	○
6030	◎	○	118	40	○	546	37	○
6039	◎	○	117	20	○	497	31	○
6040	◎	○	118	<5	△	574	35	○